

Date: Fri, 16 Jul 93 04:30:18 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
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Subject: Info-Hams Digest V93 #862
To: Info-Hams

Info-Hams Digest Fri, 16 Jul 93 Volume 93 : Issue 862

Today's Topics:

Alinco DJ-580 Intermod Reduction
IC-730 RF Problem

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 15 Jul 1993 21:24:01 GMT
From: pacbell.com!well!moon!pixar!mongo!bruce@network.UCSD.EDU
Subject: Alinco DJ-580 Intermod Reduction
To: info-hams@ucsd.edu

I got my HT back from Alinco today, after having sent it requesting that
they modify it to reduce intermod. They turned it around in a week.
This message was on the shipping invoice:

BRUCE, WE HAVE REPLACED THE R419 AND THE R472 AND PERFORMED
A GENERAL CHECK ON YOUR UNIT. WE APOLOGIZE FOR ANY INCONVENIENCE!
IF YOU HAVE ANY QUESTIONS, PLEASE DO NOT HESITATE TO CONTACT US.
THANK YOU. ALINCO ELECTRONICS USA.

So they do more than tweak a potentiometer. I'm assuming these two resistors
set the gain of amplifiers in the R.F. or first I.F. stages. I left my
schematic and battery pack at home, so you'll have to wait another day to
hear how the performance has changed.

Bruce Perens KD60TD

Date: 16 Jul 93 06:06:43 GMT
From: haven.umd.edu!cville-srv.wam.umd.edu!thieule@uunet.uu.net
Subject: IC-730 RF Problem
To: info-hams@ucsd.edu

i am currently using an Icom 730 with a Pyramid Power Supply (12-15v @ 25A) and feeding the rig with a random wire thrown out of my bedroom window. The problem that I am having is that on 40m and 20m, i cannot get the rig to put out 100w. The tuner has a built in SWR/Power meter and I can get the SWR below 2:1, but I can't seem to get more than 50w output. Sometimes, however I have been able to crank out all of the 100w. To make matters worse, under some circumstances, I can get a perfect 1:1 match with about 10w output, but when i turn up the juice, the rig immediately turns off when i key the transmitter. I've noticed that the power supply shuts off when i hold down the key.

so now for the question.....what's going on???????!?!?!?!?!?

oh, yeah, one more important point....I am 30 ft off the ground and the only ground I use is the DC wall ground and a counterpoise as an artificial RF ground.

any suggestion on how to cure this?!?! I would like to run all of 100w because those testers can get quite impatient with my S1 signal.

End of Info-Hams Digest V93 #862
